



Microsoft

70-561-CSharp

TS- MS .NET Framework 3.5 ADO.NET Application Development

Answer: A

QUESTION: 94

You create an application by using the Microsoft .NET Framework 3.5 and Microsoft Synchronization Services for Microsoft ADO.NET. The application uses a Microsoft SQL Server 2005 (Compact Edition) database. This database contains a table named Order. Microsoft Windows Mobilebased devices synchronize data concurrently with the database server. You write the following code segment. (Line numbers are included for reference only.)

```
01 public class ServerSyncProvider : DbServerSyncProvider
02 {
03     public ServerSyncProvider()
04     {
05         SyncAdapter orderSyncAdapter =
06             new SyncAdapter("Order");
07         SqlCommand ManageRows = new SqlCommand();
08         ManageRows.CommandText =
09             "DELETE FROM dbo.Order WHERE OrderId = @OrderId " +
10             "AND ((UpdateTS <= @sync_last_received_anchor OR " +
11             "UpdateId = @sync_client_id ) OR @sync_force_write=1) " +
12             "IF ( @@rowcount > 0) UPDATE Sales. Order_Tombstone SET "+
13             "DeleteId = @sync_client_id WHERE OrderId = @OrderId";
14
15     }
16 }
```

You need to ensure that the application performs the following tasks: It allows bidirectional incremental data changes to the Order table. It generates the ClientUpdateServerDelete action as a conflict. Which line of code should you insert at line 14?

- A. orderSyncAdapter.DeleteCommand = ManageRows;
- B. orderSyncAdapter.UpdateCommand = ManageRows;
- C. orderSyncAdapter.SelectIncrementalDeletesCommand = ManageRows;
- D. orderSyncAdapter.SelectConflictDeletedRowsCommand = ManageRows;

Answer: A

QUESTION: 95

You create an application by using the Microsoft .NET Framework 3.5 and Microsoft ADO.NET. You write the following code segment in the application. (Line numbers are included for reference only.)

```
01 string connString =
```

```

"server=localhost;database=Store;uid=user;pwd=pass;";
02 SqlConnection conn = new SqlConnection(connString);
03 SqlDependency sqlDep = new SqlDependency();
04 sqlDep.OnChange += new OnChangeEventHandler(sqlDep_OnChange);
05
06 cmd.ExecuteNonQuery();
07 cmd.Connection.Close();

```

You store order details in a table named Orders in the Store database. You need to ensure that the application receives a notification if an order is inserted or updated in the Orders table. Which code segment should you insert at line 05?

- A. `SqlCommand cmd = new SqlCommand("SELECT OrderID, Amount, Notes FROM Orders", conn);sqlDep.AddCommandDependency(cmd);SqlDependency.Start(connString);`
- B. `SqlCommand cmd = new SqlCommand("SELECT OrderID, Amount, Notes FROM dbo.Orders",conn);sqlDep.AddCommandDependency(cmd);cmd.Connection.Open();SqlDependency.Start(connString);`
- C. `SqlCommand cmd = new SqlCommand("SELECT OrderID, Amount, Notes FROM dbo.Orders",conn);sqlDep.AddCommandDependency(cmd);SqlDependency.Start(connString);`
- D. `SqlCommand cmd = new SqlCommand("SELECT OrderID, Amount, Notes FROM Orders",conn);sqlDep.AddCommandDependency(cmd);SqlDependency.Start(connString);cmd.Connection.Open();`

Answer: B

QUESTION: 96

You are creating a Microsoft Windows Mobilebased application by using the Microsoft .NET Framework 3.5 and Microsoft Synchronization Services for Microsoft ADO.NET. You write the following code segment. (Line numbers are included for reference only.)

```

01 private void Init()
02 {
03 SyncConflictResolver scr = new SyncConflictResolver();
04 scr.ClientUpdateServerUpdateAction = ResolveAction.FireEvent;
05 SqlCeClientSyncProvider csp = new SqlCeClientSyncProvider();
06
07 }

```

You need to ensure that the application handles synchronization conflicts when data is updated in the database of the application. Which line of code should you insert at line 06?

- A. `csp.ApplyingChanges += new EventHandler<ApplyingChangesEventArgs>(csp_ApplyingChanges);`

B. `csp.SyncProgress += new EventHandler<SyncProgressEventArgs>(csp_SyncProgress);`
 C. `csp.ChangesApplied += new EventHandler<ChangesAppliedEventArgs>(csp_ChangesApplied);`
 D. `csp.ApplyChangeFailed += new EventHandler<ApplyChangeFailedEventArgs>(csp_ApplyChangeFailed);`

Answer: D

QUESTION: 97

You create a Microsoft Windows Mobilebased application by using the Microsoft .NET Framework 3.5 and Microsoft Synchronization Services for Microsoft ADO.NET. The application uses a Microsoft SQL Server 2005 database. The application synchronizes the data in a large table named Products. The Products table is defined in the following manner.

The table has the following characteristics:

The default values are not defined for any column. All the columns are non-nullable.

The ID and Price columns are synchronized.

You need to ensure that on synchronization, any new row added to the client application is also added to the SQL Server 2005 database. Which code segment should you use?

Column Name	Data Type
ID	uniqueidentifier
Price	money
Visible	bit
UpdatedDate	datetime

A. `SyncAdapter adapter = new SyncAdapter("Products");SqlCommand cmd = new SqlCommand("UPDATE[Products] SET (Price=@Price, Visible=1) WHERE ID=@ID");adapter.UpdateCommand = (IDbCommand)cmd;`
 B. `SyncAdapter adapter = new SyncAdapter("Products");SqlCommand cmd = newSqlCommand("UPDATE [Products] SET (Price=@Price) WHERE ID=@ID");adapter.UpdateCommand = (IDbCommand)cmd;`
 C. `SyncAdapter adapter = new SyncAdapter("Products");SqlCommand cmd = new SqlCommand("INSERT INTO [Products] (ID, Price) " + "VALUES (@ID, @Price)");adapter.InsertCommand = (IDbCommand)cmd;`
 D. `SyncAdapter adapter = new SyncAdapter("Products");SqlCommand cmd = new SqlCommand("INSERTINTO [Products] (ID, Price, Visible, UpdatedDate) " + "VALUES (@ID, @Price, 0, GetDate())");adapter.InsertCommand = (IDbCommand)cmd;`

Answer: D

QUESTION: 98

You create an application by using the Microsoft .NET Framework 3.5 and Microsoft Synchronization Services for Microsoft ADO.NET. The application uses a database that contains two tables named Orders and OrderDetails. A primary key to foreign key relationship exists between these two tables. You write the following code segment.

```
SyncTable tableOrders = new SyncTable("Orders");  
SyncTable tableOrderDetails = new SyncTable("OrderDetails");  
SyncGroup orderGroup = new SyncGroup("Changes");
```

You need to ensure that the following requirements are met:

Updates are synchronized to both the tables.

Referential integrity is accounted for.

Which two code segments should you add? (Each correct answer presents part of the solution. Choose two.)

- A. tableOrders.SyncGroup = orderGroup;
- B. tableOrders.TableName = orderGroup.GroupName;
- C. tableOrderDetails.SyncGroup = orderGroup;
- D. tableOrderDetails.TableName = orderGroup.GroupName;

Answer: A, C

QUESTION: 99

You create a Microsoft Windows Mobilebased application by using the Microsoft .NET Framework 3.5 and Microsoft ADO.NET. The application connects to a Microsoft SQL Server 2005 database. The application caches data from the database server. You write the following code segment. (Line numbers are included for reference only.)

```
01 public class MySyncProvider : DbServerSyncProvider{  
02 public MySyncProvider (){  
03 SqlConnection serverConn = new SqlConnection("SERVER = .;Database = pubs; uid =  
sa;");  
04 this.Connection = serverConn;  
05  
06 this.BatchSize = 10;  
07 }  
08  
09 }
```

You need to ensure that only 10 new records are downloaded whenever the application synchronizes. What should you do?

- A. Insert the following line of code at line 05.
this.Schema.SchemaDataSet.EnforceConstraints =true;

- B. Insert the following line of code at line 05. `this.SelectClientIdCommand = new SqlCommand(sqlQuery, this.Connection);`
- C. Insert the following line of code at line 05. `this.SelectNewAnchorCommand = new SqlCommand(sqlQuery, this.Connection);`
- D. Insert the following line of code at line 05. `this.SelectingChanges += new EventHandler<SelectingChangesEventArgs>(MySyncProvider_SelectingChanges);` Insert the following code segment at line 08. `void MySyncProvider_SelectingChanges(object sender, SelectingChangesEventArgs e){ e.Context.MaxAnchor = new SyncAnchor();}`

Answer: C

QUESTION: 100

You create a Microsoft Windows Service application by using the Microsoft NET Framework 3.5 and Microsoft ADO.NET. The application uses a Microsoft SQL Server 2005 database named Store. The Store database stores data in two SQL Server 2005 servers named Server1 and Server2. You need to ensure that the application caches the data by configuring the SqlDependency object. Which code segment should you use?

- A. `SqlDependency.Start("SERVER=Server1,Server2;DATABASE=Store;");`
- B. `SqlDependency.Start("SERVER=Server1;SERVER=Server2;DATABASE=Store;");`
- C. `SqlDependency.Start("SERVER=Server1;DATABASE=Store;");`
`SqlDependency.Start("SERVER=Server2;DATABASE=Store;");`
- D. `SqlConnection conn = new SqlConnection("SERVER=Server1;DATABASE=Store;");`
`SqlDependency sqlDep1 = new SqlDependency(new SqlCommand("SELECT OrderID FROM Server1.Store.dbo.ORDERS",conn));`
`SqlDependency sqlDep2 = new SqlDependency(new SqlCommand("SELECT OrderID FROM Server2.Store.dbo.ORDERS",conn));`

Answer: C

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